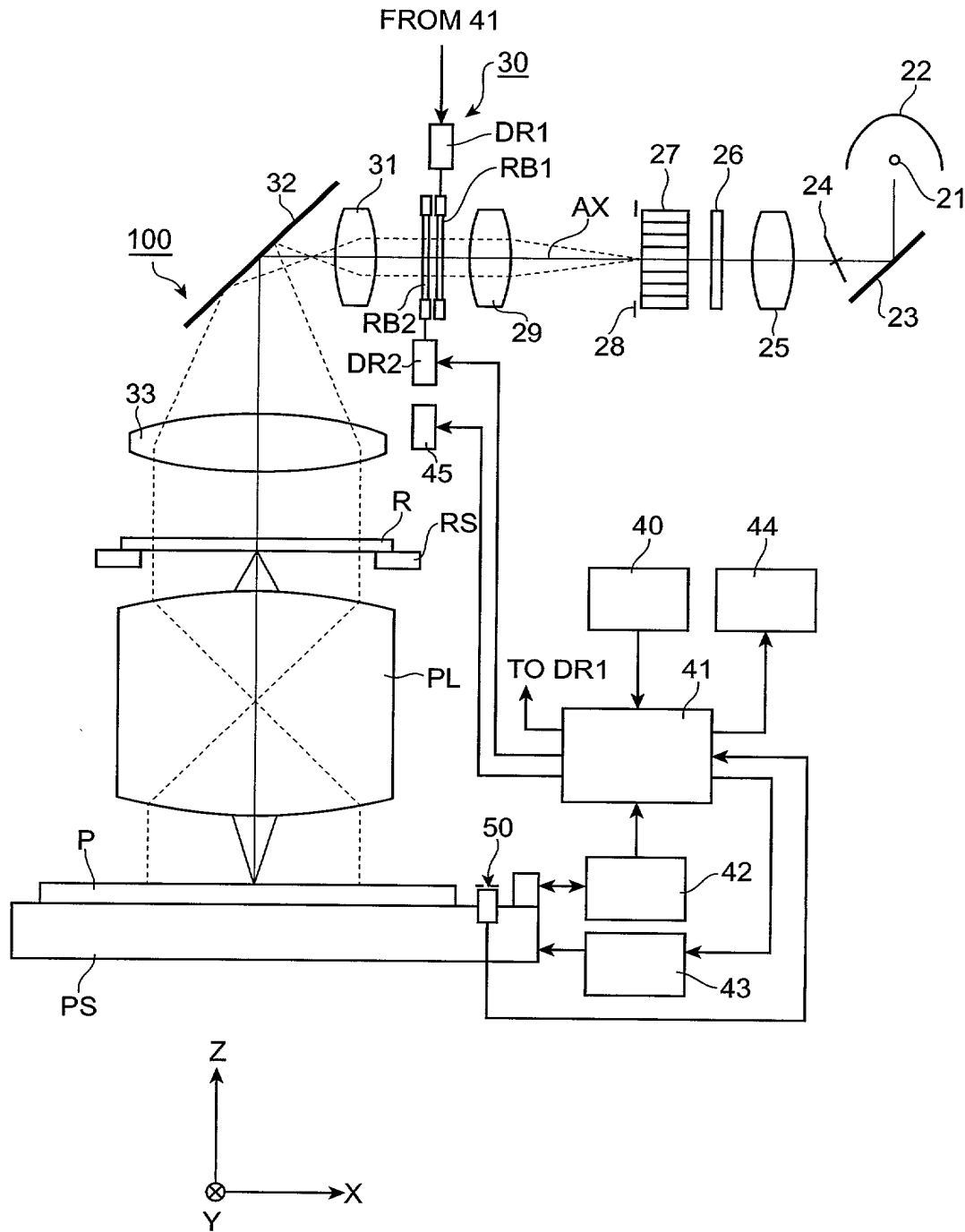
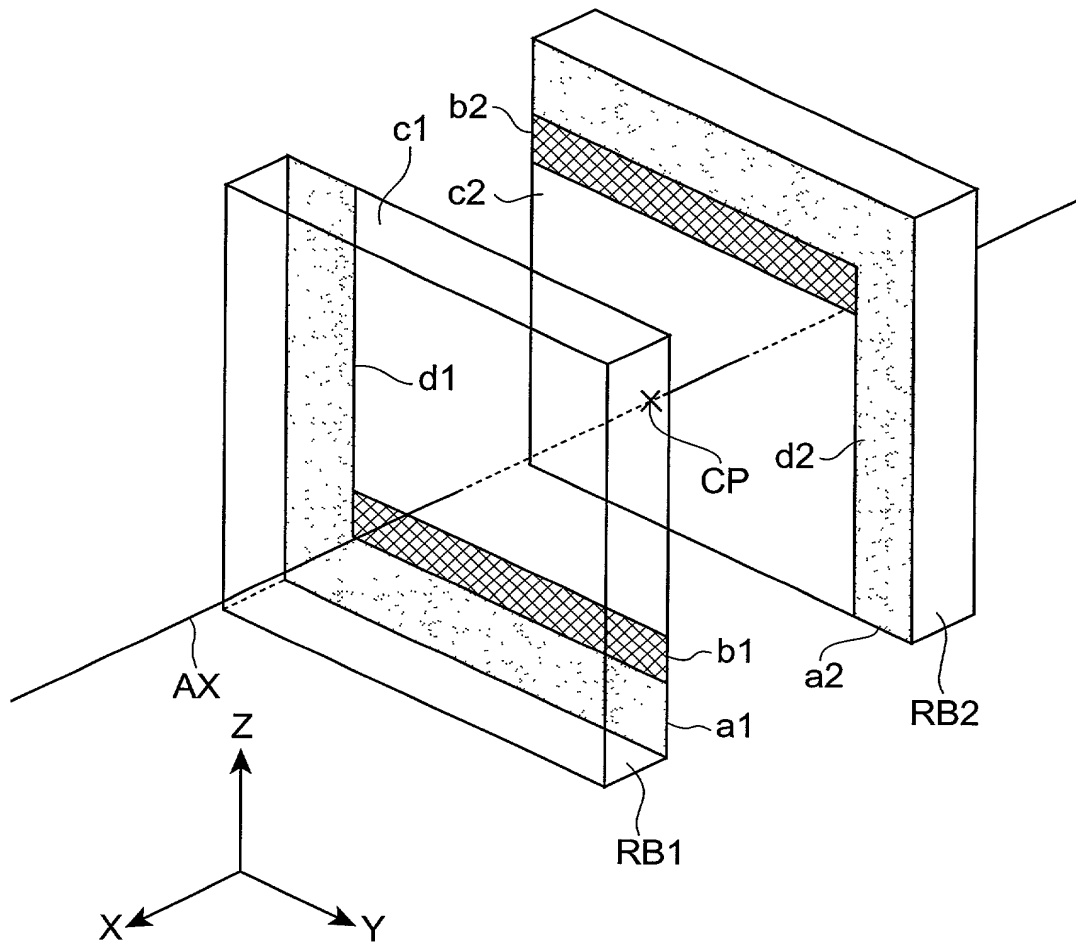


**Fig.1**



**Fig.2**



**Fig.3**

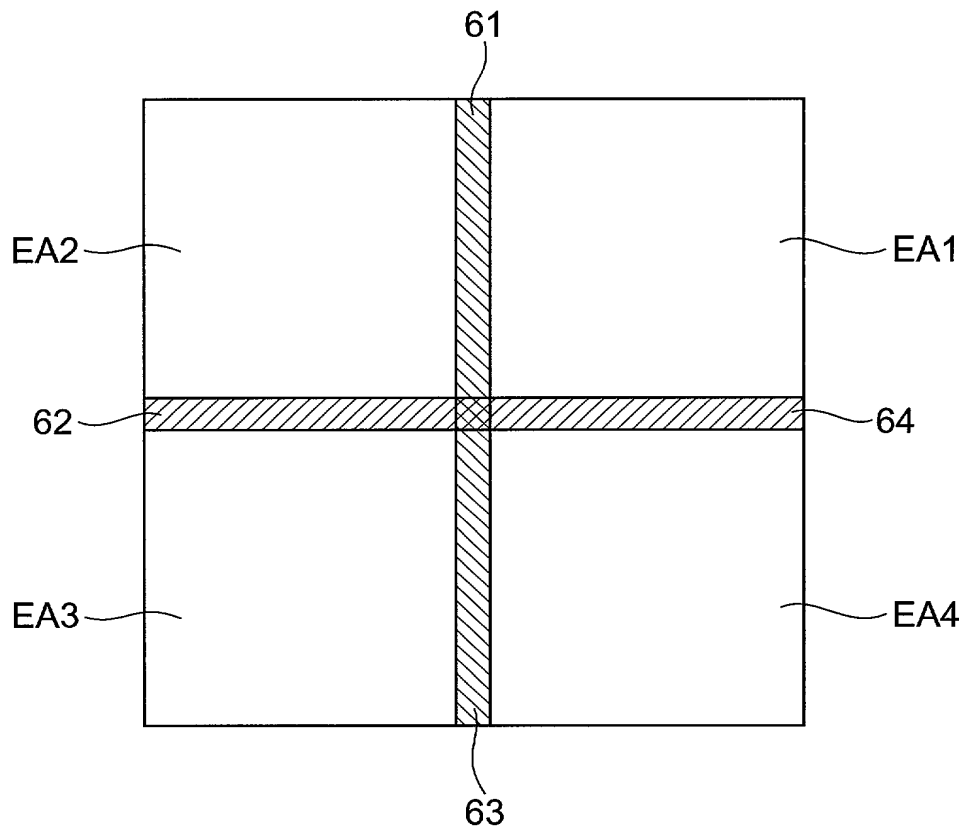
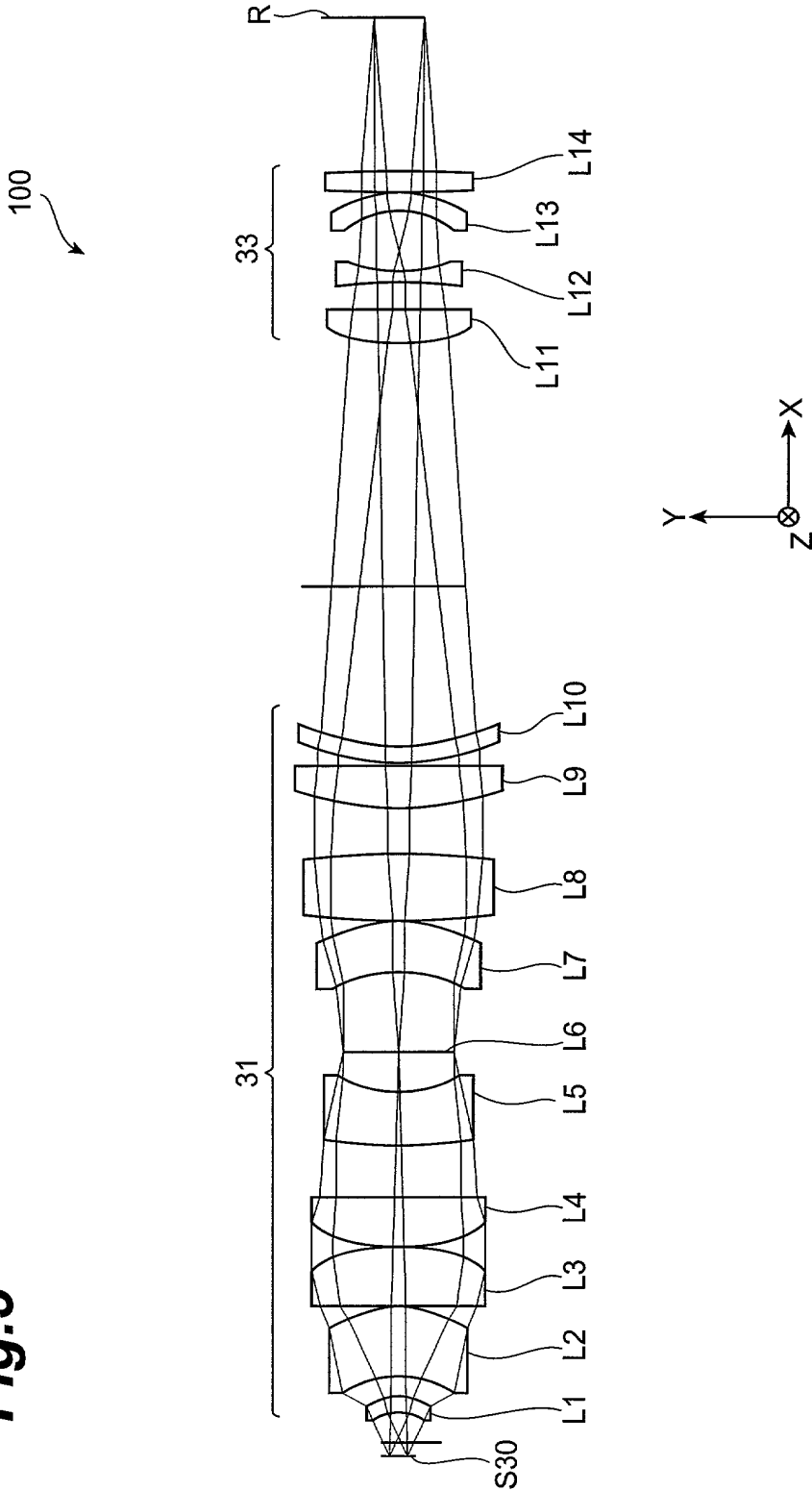




Fig.5



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Fig. 6A

NA=0.10

2.000

SPHERICAL  
ABERRATION

Fig. 6B

Y=-40.00

2.000

ASTIGMATISM

Fig. 6C

Y=-40.00

0.100%

DISTORTION

Fig. 6D

LATERAL ABERRATION  
(COMA)

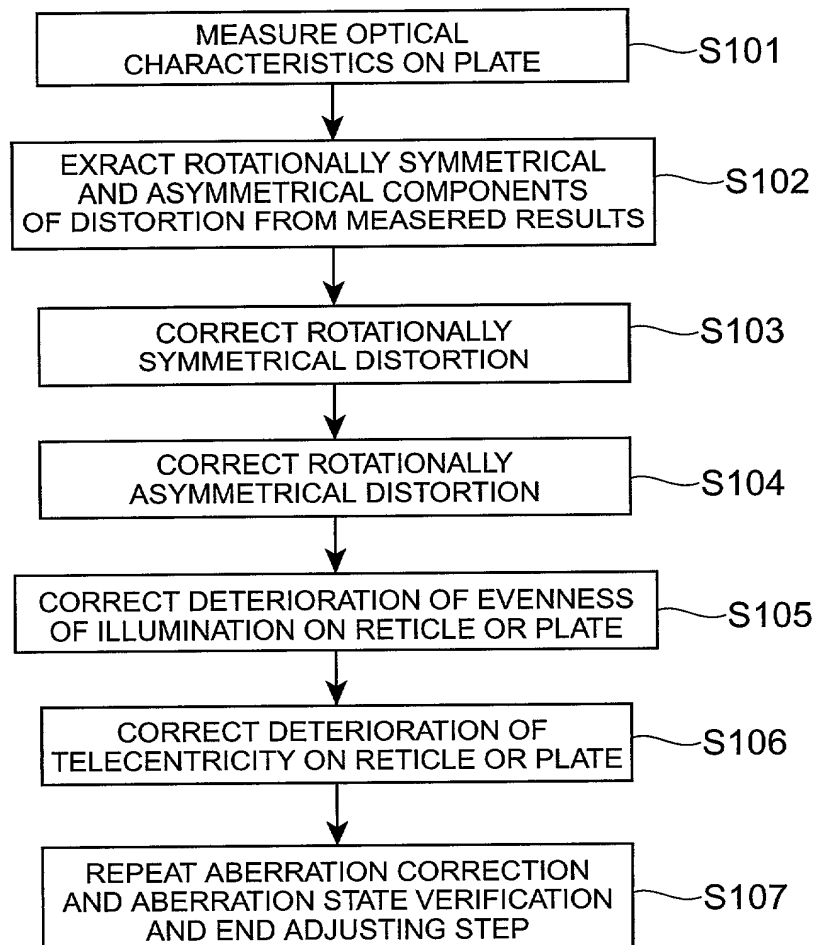
Y=10.0

Y=7.0

Y=5.0

Y=0.0

0.100

**Fig.7**

**Fig.8**

PL →

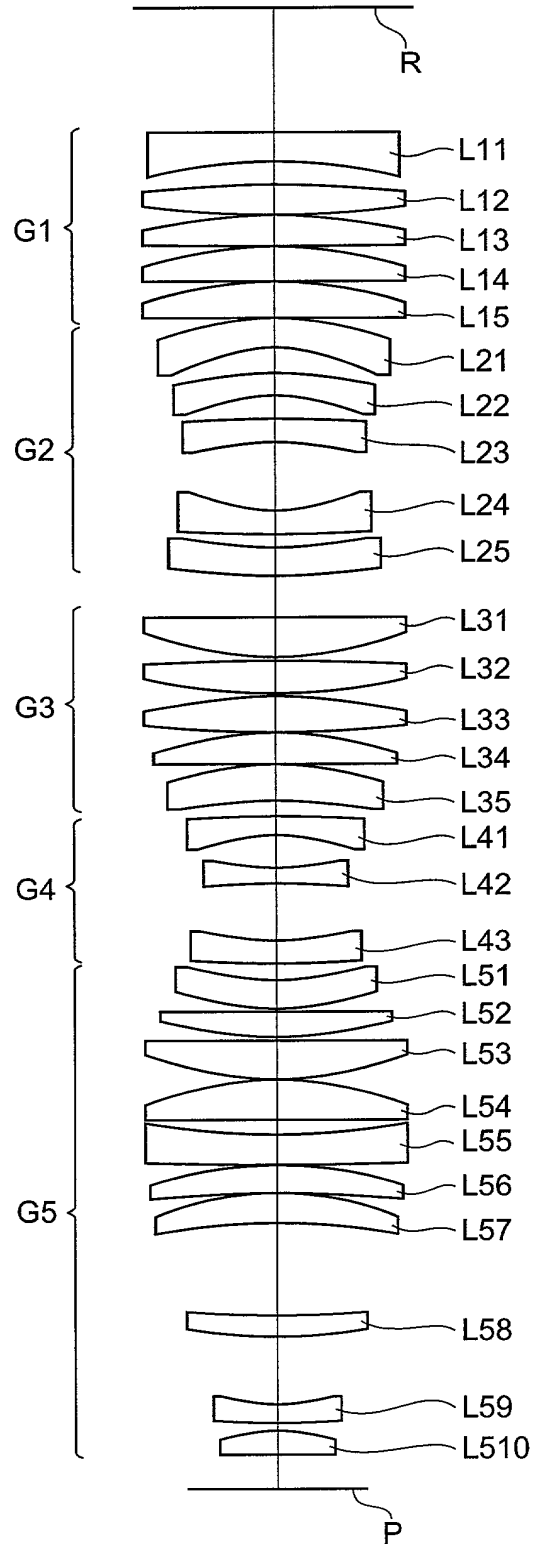




Fig.9A

SPHERICAL  
ABERRATION

NA=0.30

-0.010 0.0 0.010

Fig.9B

ASTIGMATISM

Y=31.12

S M

-0.010 0.0 0.010

Fig.9C

DISTORTION

Y=31.12

-0.001 0.0 0.001%

Fig.9D

LATERAL ABERRATION  
(COMA)

Y=31.12

Y=21.78

Y=15.56

Y=0.0

0.005

Fig.10

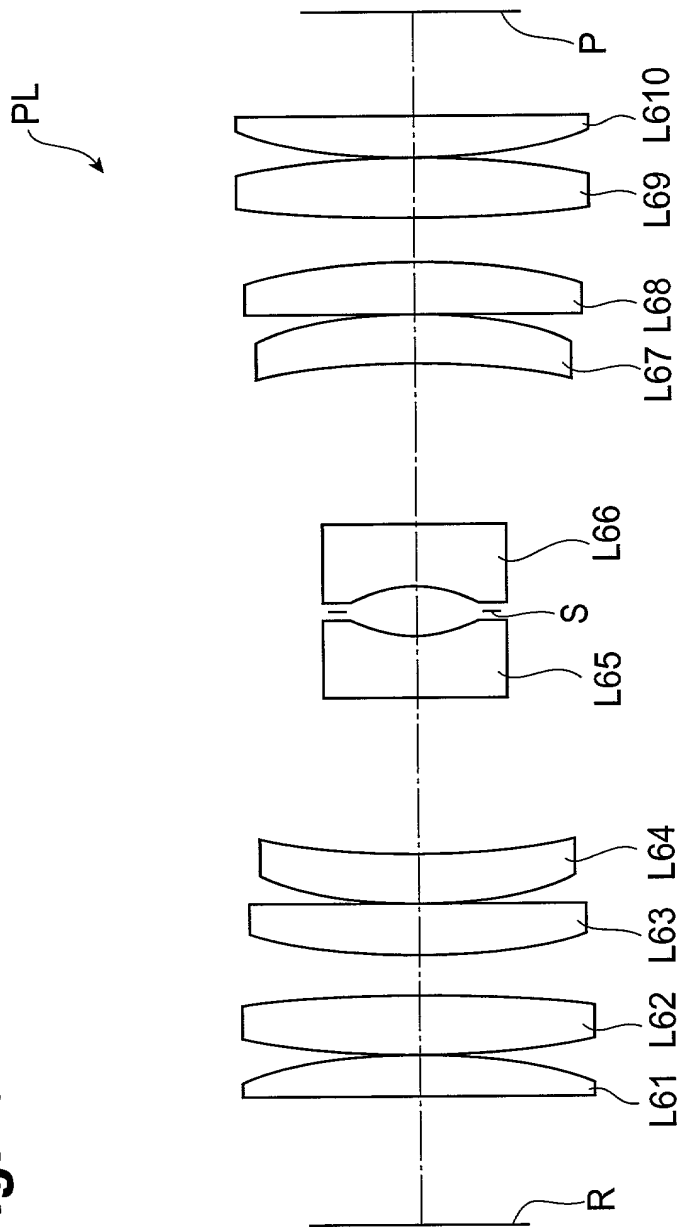


Fig.11

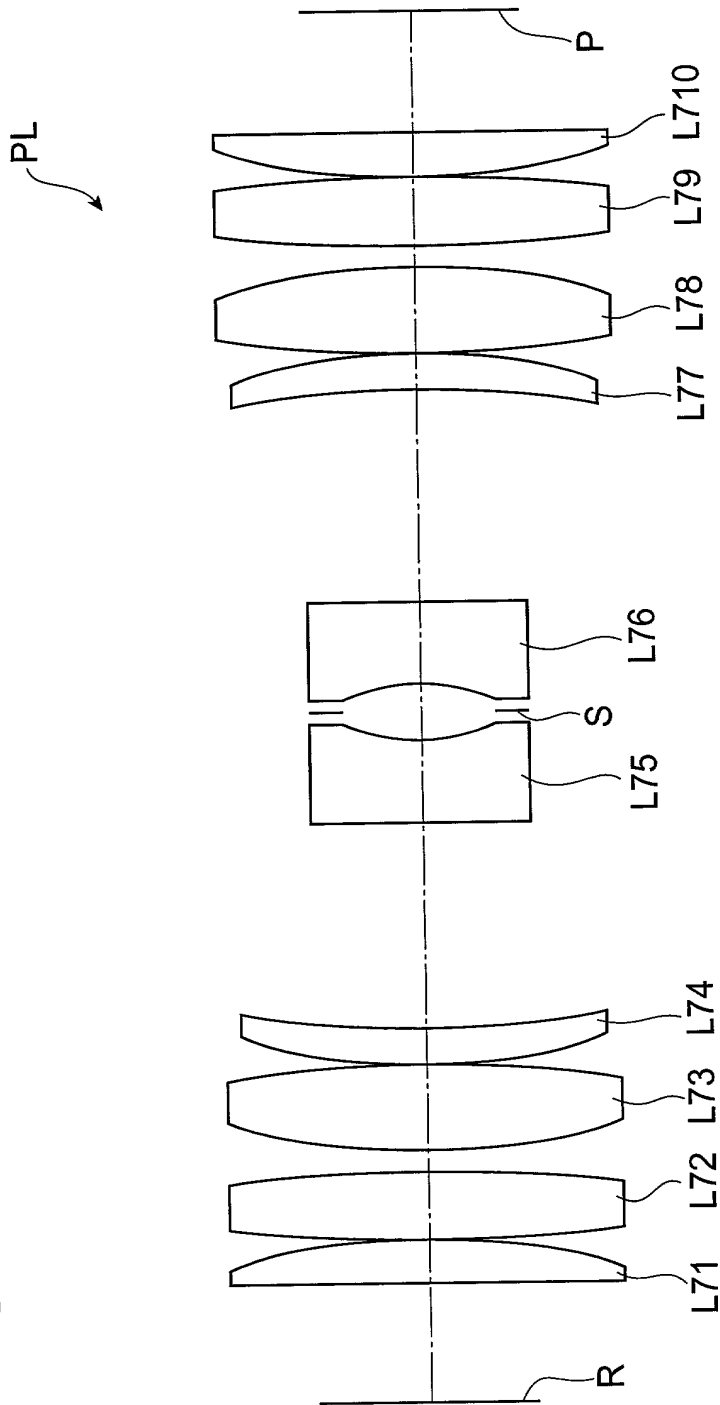


Fig.12

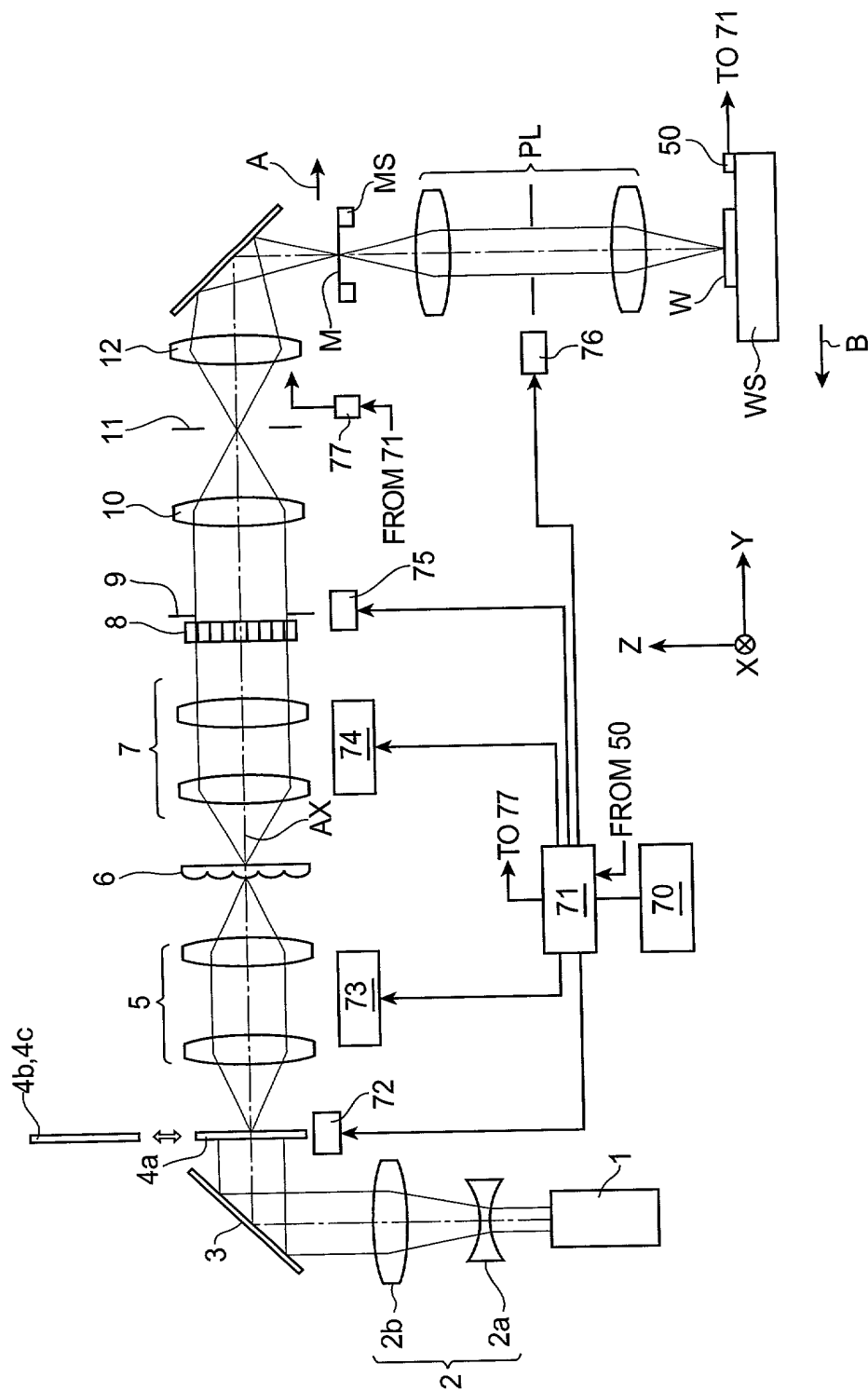


Fig.13

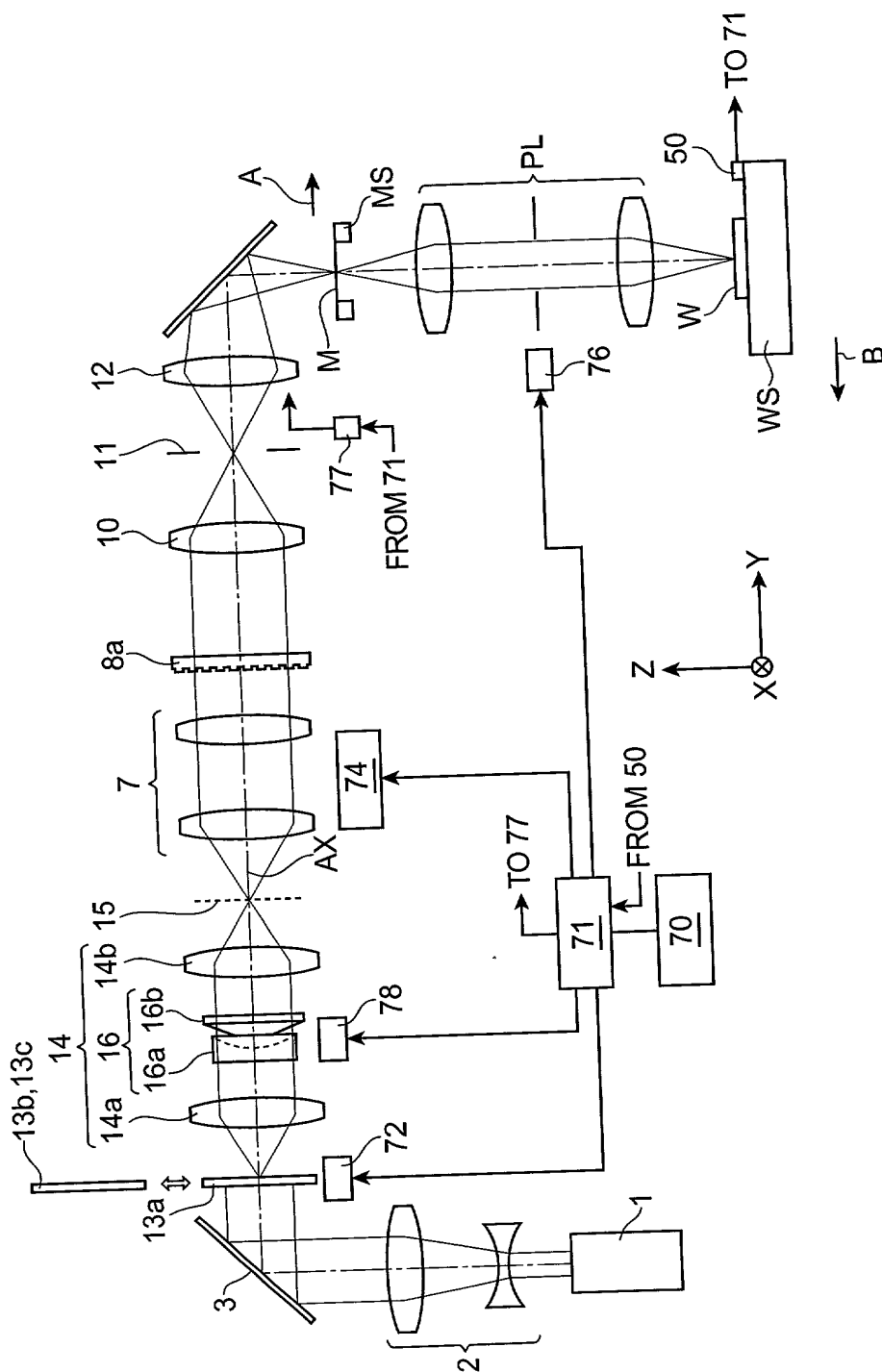
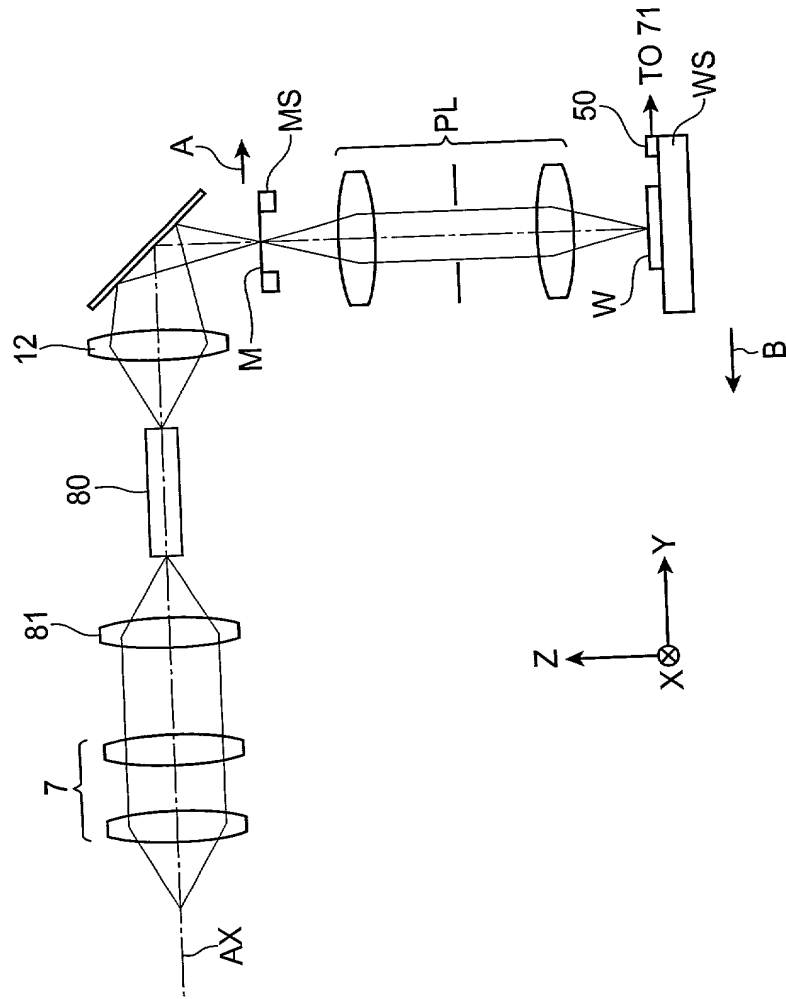
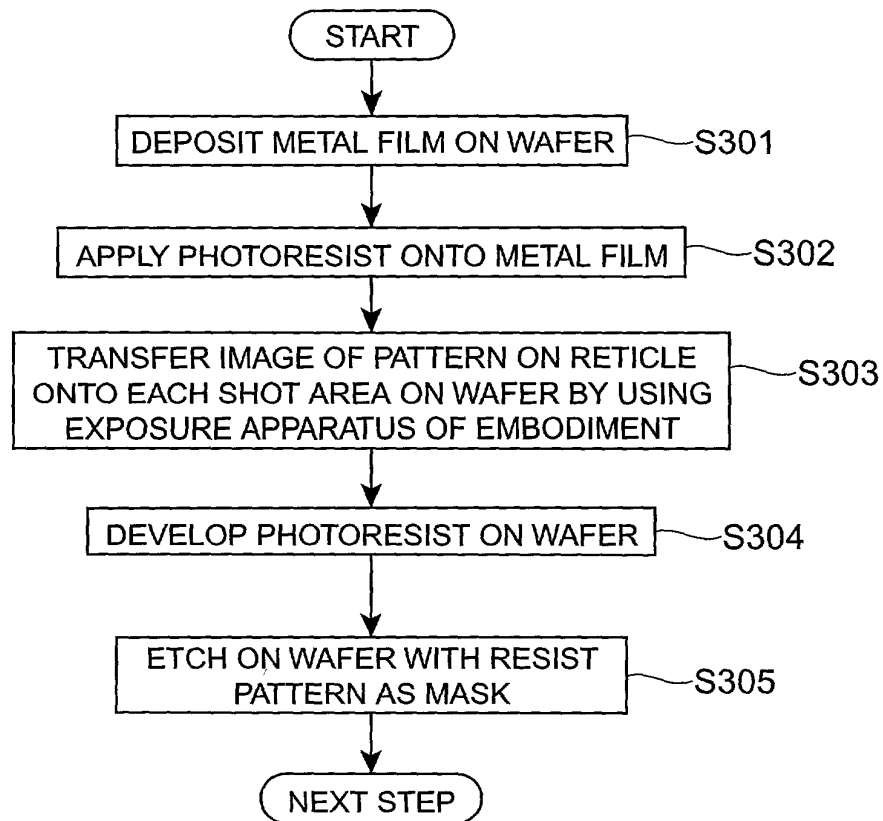
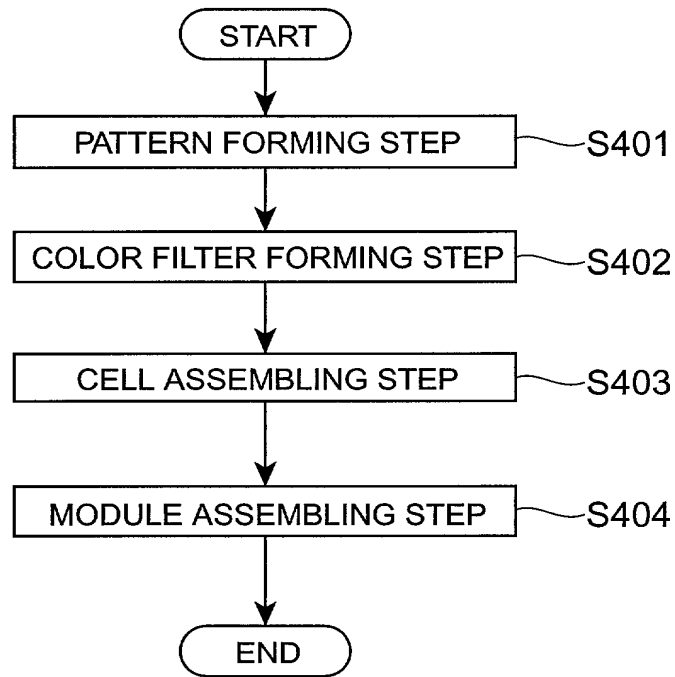


Fig.14



**Fig.15**

**Fig.16**



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